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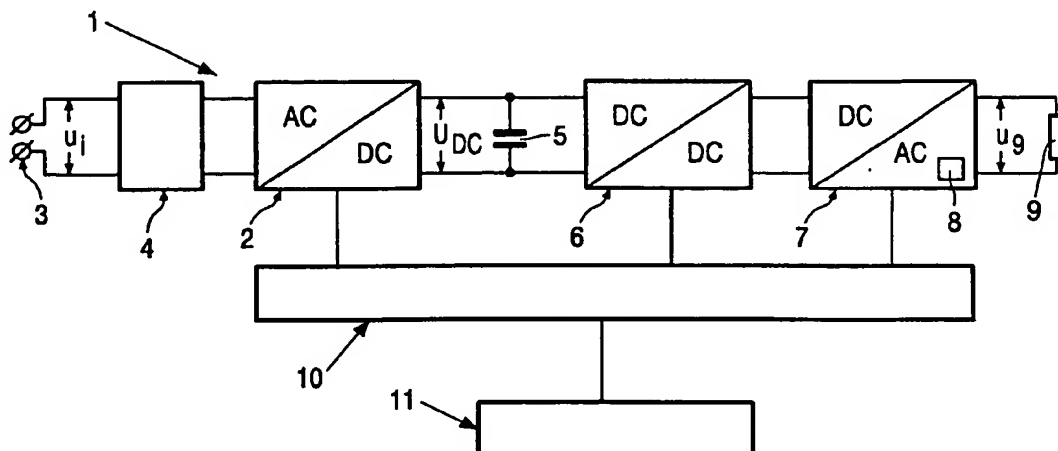
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(54) Title: **CIRCUIT FOR A GAS-DISCHARGE LAMP**



(57) Abstract: The invention relates to a circuit for a discharge lamp, comprising: a first sub-circuit for connecting to mains voltage of a predetermined frequency for rectifying the mains voltage; a second sub-circuit connected to the first sub-circuit for providing an alternating current, preferably a square-wave current, required for the lamp; and a control circuit which is connected to the first and the second sub-circuit and which controls the frequency of the alternating current subject to a varying component of the mains voltage rectified by the first sub-circuit.